FIG. 1

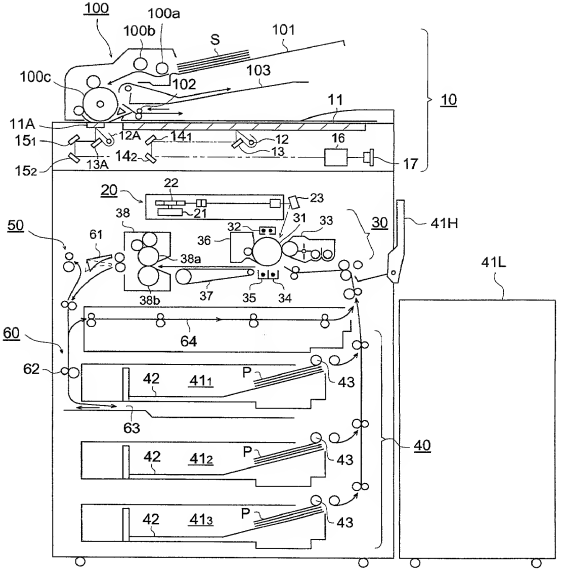
100
100a
100b
S
101
100c
102
103
11
10
11A
151
12A
141
12
16
152
13A
142
13
17
20
22
23
21
38
31
33
30
41H
50
61
32
36
38a
41L
38b
37
35
34
60
64
62
42
411
P
43
63
412
413
40

FIG. 2

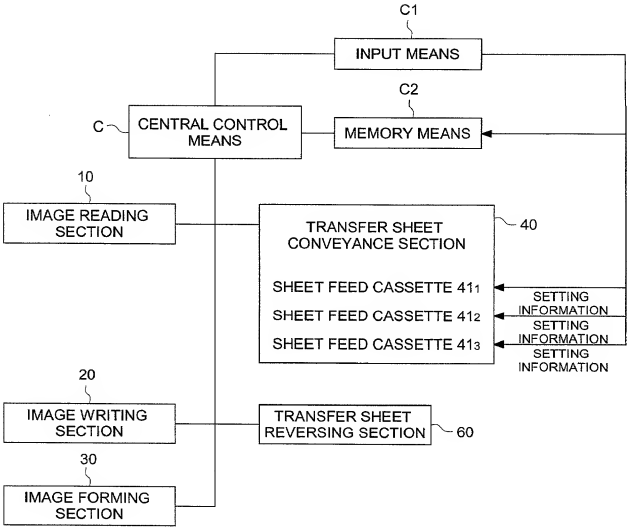
C1
INPUT MEANS
C2
C
CENTRAL CONTROL MEANS
MEMORY MEANS
10
IMAGE READING SECTION
TRANSFER SHEET CONVEYANCE SECTION
40
SHEET FEED CASSETTE 411
SHEET FEED CASSETTE 412
SHEET FEED CASSETTE 413
SETTING INFORMATION
SETTING INFORMATION
SETTING INFORMATION
20
IMAGE WRITING SECTION
TRANSFER SHEET REVERSING SECTION
60
30
IMAGE FORMING SECTION

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FIG. 3

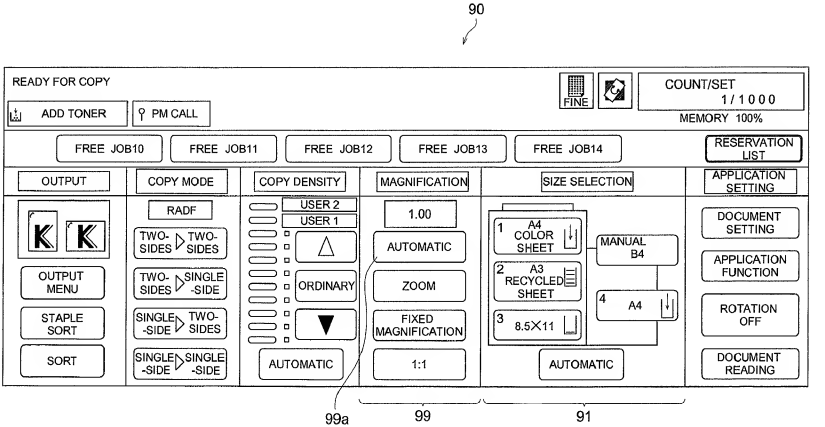

FIG. 4

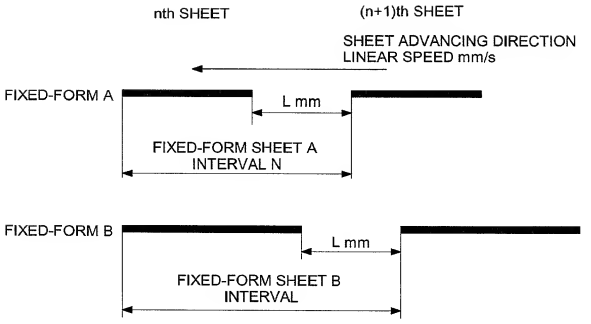

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FIG. 5

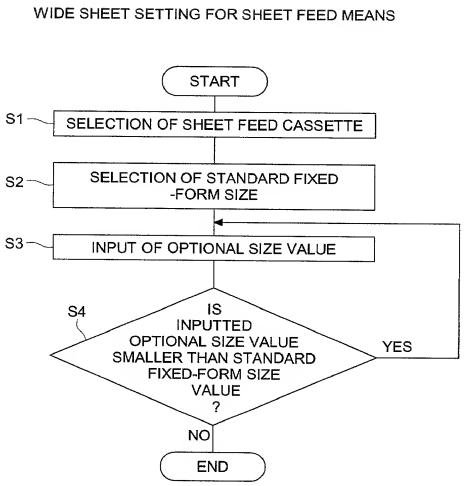
WIDE SHEET SETTING FOR SHEET FEED MEANS
START
S1
SELECTION OF SHEET FEED CASSETTE
S2
SELECTION OF STANDARD FIXED -FORM SIZE
S3
INPUT OF OPTIONAL SIZE VALUE
S4
IS INPUTTED OPTIONAL SIZE VALUE SMALLER THAN STANDARD FIXED-FORM SIZE VALUE ?
YES
NO
END

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FIG. 6

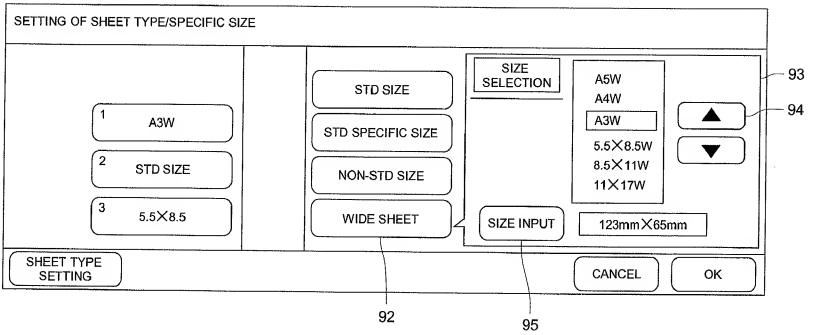

FIG. 7

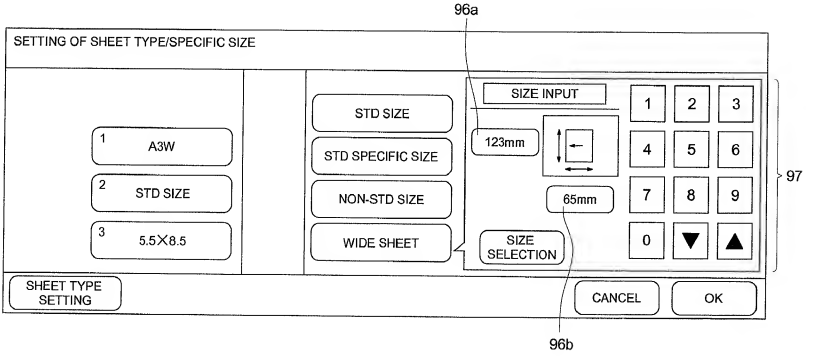
96a
SETTING OF SHEET TYPE/SPECIFIC SIZE
1 A3W
2 STD SIZE
3 5.5X8.5
STD SIZE
STD SPECIFIC SIZE
NON-STD SIZE
WIDE SHEET
SIZE INPUT
123mm
65mm
SIZE SELECTION
1 2 3
4 5 6
7 8 9
0
97
SHEET TYPE SETTING
CANCEL
OK
96b

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FIG. 8

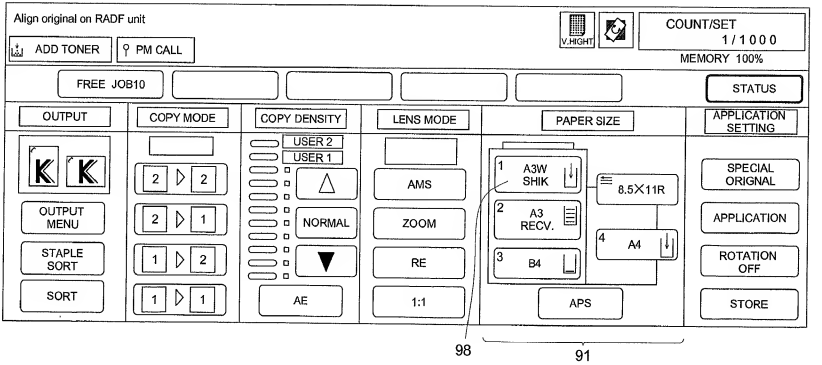

FIG. 9

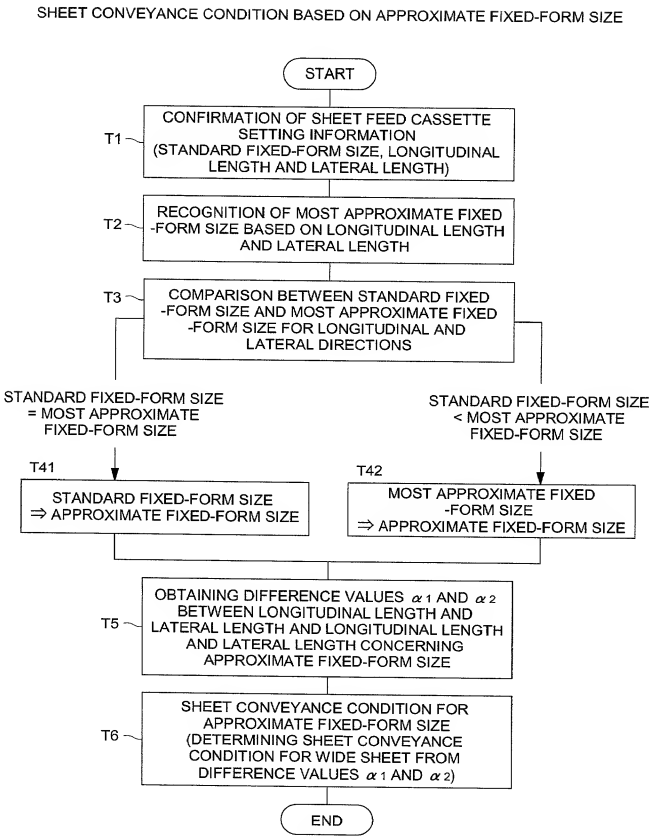
SHEET CONVEYANCE CONDITION BASED ON APPROXIMATE FIXED-FORM SIZE
START
T1
CONFIRMATION OF SHEET FEED CASSETTE SETTING INFORMATION (STANDARD FIXED-FORM SIZE, LONGITUDINAL LENGTH AND LATERAL LENGTH)
T2
RECOGNITION OF MOST APPROXIMATE FIXED -FORM SIZE BASED ON LONGITUDINAL LENGTH AND LATERAL LENGTH
T3
COMPARISON BETWEEN STANDARD FIXED -FORM SIZE AND MOST APPROXIMATE FIXED -FORM SIZE FOR LONGITUDINAL AND LATERAL DIRECTIONS
STANDARD FIXED-FORM SIZE = MOST APPROXIMATE FIXED-FORM SIZE
STANDARD FIXED-FORM SIZE < MOST APPROXIMATE FIXED-FORM SIZE
T41
STANDARD FIXED-FORM SIZE ⇒ APPROXIMATE FIXED-FORM SIZE
T42
MOST APPROXIMATE FIXED -FORM SIZE ⇒ APPROXIMATE FIXED-FORM SIZE
T5
OBTAINING DIFFERENCE VALUES α1 AND α2 BETWEEN LONGITUDINAL LENGTH AND LATERAL LENGTH AND LONGITUDINAL LENGTH AND LATERAL LENGTH CONCERNING APPROXIMATE FIXED-FORM SIZE
T6
SHEET CONVEYANCE CONDITION FOR APPROXIMATE FIXED-FORM SIZE (DETERMINING SHEET CONVEYANCE CONDITION FOR WIDE SHEET FROM DIFFERENCE VALUES α1 AND α2)
END

FIG. 10 (a)

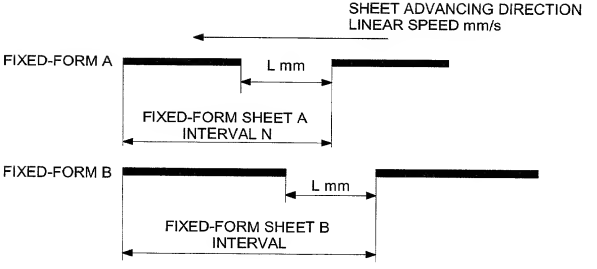

FIG. 10 (b)

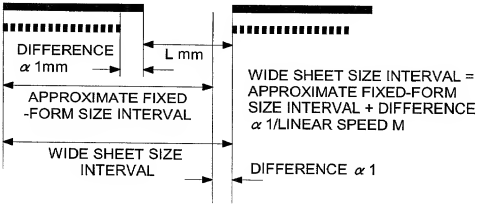

FIG. 11

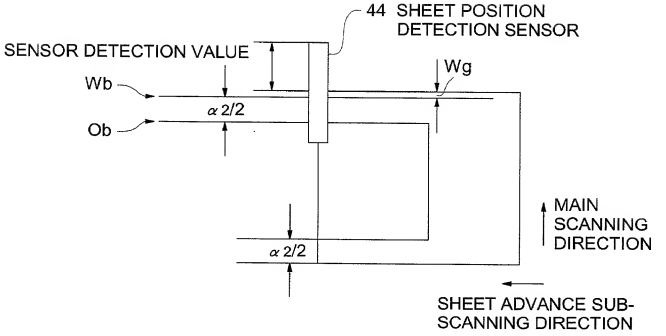

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FIG. 12

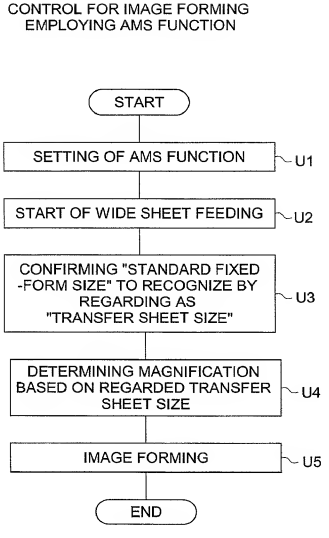

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FIG. 13

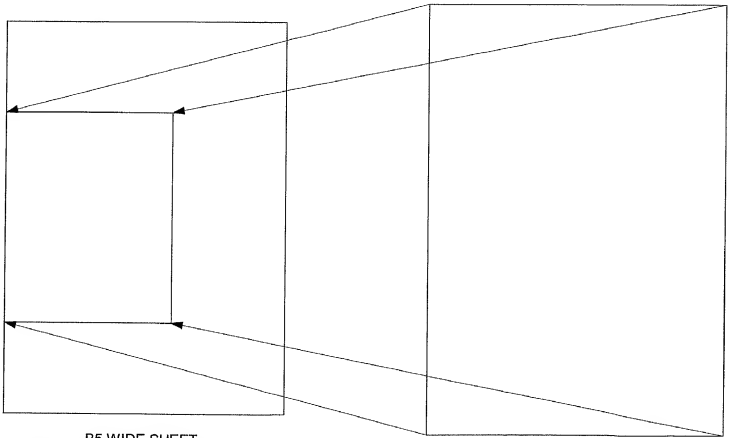
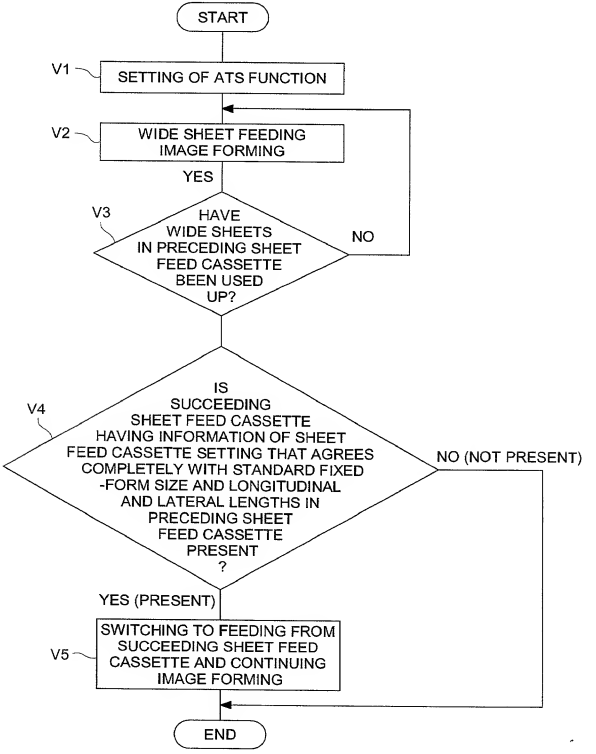


FIG. 14

CONTROL FOR IMAGE FORMING EMPLOYING ATS FUNCTION